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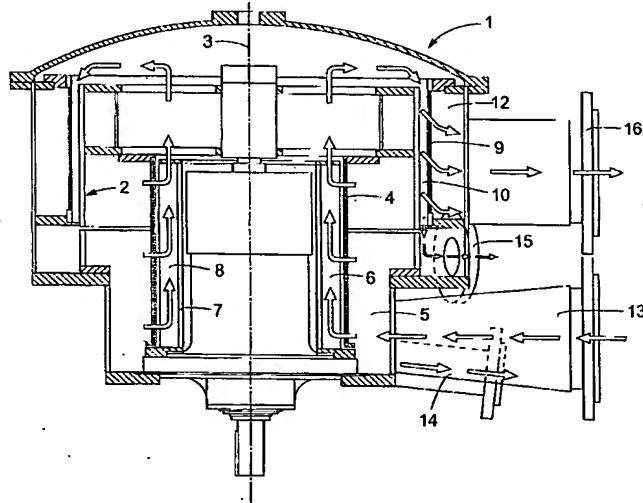
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(54) Title: A THICKENER FOR CONCENTRATION OF FIBRE SUSPENSIONS



(57) Abstract: A thickener for concentration of a fibre pulp suspension, comprises a rotatable screen member (4) having screen passagages dimensioned for separating the fibre suspension into a first fraction that passes through the screen member and substantially contains fibres and a second fraction that does not pass through the screen member and contains coarse undesired particles. A stationary thickening member (9) with a multiplicity of through holes surrounds the screen member and separates the created first fraction into a third fraction passing through the thickening member, and a fourth fraction not passing through the thickening member. The holes of the thickening member (9) are dimensioned such that liquid but not fibres is permitted to pass through the thickening member, whereby the fourth fraction of the fibre suspension produced during operation is constituted by concentrated fibre pulp free from undesired coarse particles.

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